Proceedings 20%

Society

for

Experimental Biology and Medicine

INCLUDING THE FOLLOWING SECTIONS

DISTRICT OF COLUMBIA NORTHWESTERN

SOUTHEASTERN SOUTHWESTERN

May-September

VOLUME 182

New York

Copyright © 1986 by the Society for Experimental Biology and Medicine All Rights Reserved

No part of this publication may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopy, recording, or any information storage and retrieval system, without permission in writing from the copyright owner.

The appearance of the code at the bottom of the first page of an article in this journal indicates the copyright owner's consent that copies of the article may be made for personal or internal use, or for the personal or internal use of specific clients. This consent is given on the condition, however, that the copier pay the stated per copy fee through the Copyright Clearance Center, Inc. (27 Congress Street, Salem, Massachusetts 01970) for copying beyond that permitted by Sections 107 or 108 of the U.S. Copyright Law. This consent does not extend to other kinds of copying, such as copying for general distribution, for advertising or promotional purposes, for creating new collective works, or for resale. Copy fees for pre-1986 articles are as shown on the article title pages; if no fee code appears on the title page, the copy fee is the same as for current articles.

0037-9727/86 \$1.50

MADE IN THE UNITED STATES OF AMERICA

Send requests for permission to reproduce items published in Proceedings of the Society for Experimental Biology and Medicine to: Dr. Mero R. Nocenti, Editor, Society for Experimental Biology and Medicine, 630 W. 168th St., New York, N.Y. 10032.

CONTENTS

SCIENTIFIC PROCEEDINGS, VOLUME 182

Seven hundred-seventieth issue, May 1986	1
Seven hundred-seventy-first issue, June 1986	143
Seven hundred-seventy-second issue, July 1986	287
Seven hundred-seventy-third issue, September 1986	419
Author Index	585

Proceedings of The Society for Experimental Biology and Medicine (ISSN 0037-9727), Vol. 182, No. 4, September 1986. Published monthly except August by Academic Press, Inc., 1 East First Street, Duluth, MN 55802. Second class postage paid at Duluth, MN, and at additional mailing offices. 1986: Subscription per year \$97.00 U.S.A. and Canada; \$125.00 all other countries. All prices include postage and handling. Send notices of change of address to the Office of the Publishers at least 6–8 weeks in advance. Please include both the old and new addresses. POSTMASTER: Send all changes of address to Proceedings of the Society for Experimental Biology and Medicine, 1 East First Street, Duluth, MN 55802. Copyright © 1986 by the Society for Experimental Biology and Medicine.

Activation of Macrophages by Peroxidases	R. Q. WEI, S. S. LEFKOWITZ, D. L. LEF-KOWITZ, J. EVERSE	515
Morphological Changes Caused by Experimental Streptococcus uberis Mastitis in Mice following Intramammary Infusion of Pokeweed Mitogen	L. M. SORDILLO, S. C. NICKERSON	522
ONCOLOGY/PATHOLOGY/I	RADIOBIOLOGY	
Monocrotaline-Induced Cardiopulmonary Damage in Rats: Amelioration by the Angiotensin-Converting Enzyme Inhibitor CL242817	A. MOLTENI, W. F. WARD, CH. Ts'AO, N. H. SOLLIDAY	483
PHARMACOLOGY/TO	XICOLOGY	
Prevention of Neural Myoinositol Depletion in Diabetic Rats by Aldose Reductase Inhibition with Tolrestat	C. KEMPER, D. DVORNIK	505
RAPID COMMUNIC	ATIONS	
Increased Atrial Natriuretic Peptide (6-33) Binding Sites in the Subfornical Organ of Water Deprived and Brattleboro Rats Interferon Inducing Transformed Cell Surface Glycoproteins: Purification by Ia Antigen Affinity Chromatography	J. M. SAAVEDRA, A. ISRAEL, F. M. A. COR- REA, M. KURIHARA T. K. HUGHES, E. M. SMITH, J. E. BLALOCK	559 564
Evidence for a Role of Adrenals in the Capsaicin-Sensitive "Gastric Defense Mechanism" in Rats	S. Evangelista, C. A. Maggi, A. Meli	568
The Blood Pressure Decrease-Induced Sympathetic Discharge following Atrial Natriuretic Factor Administration May Off- set Its Natriuretic Action	O. KUCHEL, R. GARCIA, W. DEBINSKI, K. RACZ, N. T. BUU, M. CANTIN, J. GENEST	570
Kainic Acid Depletes Retinal Phenylethanolamine-N-Methyl- transferase Activity of Rats	J. COHEN	576
AUTHOR INDEX FOR VOLUME 182		585
The Subject Index for Volume 182 will appear in the Decemb	per 1986 issue as part of a cumulative index for	or the

year 1986.